

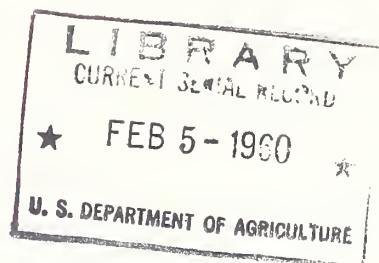
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WORKING DATA
Revision of October 1959



WORKING DATA FOR DEMAND ANALYSIS

U. S. Department of Agriculture
Agricultural Economics Division
Agricultural Marketing Service

Working Data for Demand Analysis

The attached tables contain a number of time series frequently used in statistical demand analysis.

Although these tables have been prepared by the Income and Demand Section of Farm Income Branch, much of the data originate in other Government agencies, including the Department of Commerce, Bureau of Labor Statistics, and the Bureau of the Census. Some of these data have not been previously published and some of the current data are preliminary. The material as a whole is not for general publication and the exact status of each series can be ascertained from the appended footnotes.

These tables are revised once a year, usually in October, by the Income and Demand Section of the Farm Income Branch, Extension 4740. Since some of these data are regularly compiled by other agencies, it is suggested that current revisions of basic data, particularly the estimates of total income and expenditures of the Department of Commerce and the estimates of prices by the Bureau of Labor Statistics can best be obtained directly in publications from those agencies.

Table 1.--Population, United States 1924-59

Year	:	Total population January 1 <u>1/</u>	:	Farm population April 1 <u>2/</u>	:	Total population July 1 <u>3/</u>
		<u>Thousands</u>		<u>Thousands</u>		<u>Millions</u>
1924	:	113,118	:	31,177	:	114.1
1925	:	115,041	:	31,190	:	115.8
1926	:	116,678	:	30,979	:	117.4
1927	:	118,284	:	30,530	:	119.0
1928	:	119,828	:	30,548	:	120.5
1929	:	121,186	:	30,580	:	121.8
1930	:	122,476	:	30,529	:	123.1
1931	:	123,643	:	30,845	:	124.0
1932	:	124,476	:	31,388	:	124.8
1933	:	125,223	:	32,393	:	125.6
1934	:	126,011	:	32,305	:	126.4
1935	:	126,865	:	32,161	:	127.2
1936	:	127,720	:	31,737	:	128.1
1937	:	128,475	:	31,266	:	128.8
1938	:	129,355	:	30,980	:	129.8
1939	:	130,406	:	30,840	:	130.9
1940	:	131,456	:	30,547	:	132.1
1941	:	132,794	:	30,273	:	133.4
1942	:	134,161	:	29,234	:	134.9
1943	:	135,865	:	26,681	:	136.7
1944	:	137,656	:	25,495	:	138.4
1945	:	139,237	:	25,295	:	139.9
1946	:	140,689	:	26,483	:	141.4
1947	:	142,833	:	27,124	:	144.1
1948	:	145,471	:	25,903	:	146.6
1949	:	148,001	:	25,954	:	149.2
1950	:	150,552	:	25,058	:	151.7
1951	:	153,072	:	24,160	:	154.4
1952	:	155,790	:	24,283	:	157.0
1953	:	158,434	:	22,679	:	159.6
1954	:	161,115	:	21,890	:	162.4
1955	:	163,956	:	22,158	:	165.3
1956	:	166,818	:	22,257	:	168.2
1957	:	169,803	:	20,396	:	171.2
1958	:	172,738	:	20,827	:	174.1
1959	:	175,602	:	n.a.	:	177.0

For footnotes, refer to last sheet of this series.

n.a. Not available.

Table 2.--Disposable personal income, Department of Commerce 5/

Year	Total income			Per capita income				Total population July 1 3/	Consumer price index (1947-49 =100) 6/
	Actual	Index	Index	Actual	Index	Index			
		(1947-49	divided by:		divid-	(1947-49	divided by:		
		=100)	consumer		ed by:	=100)	consumer		
		(Actual	price		con-	(Actual	price		
	183,022)	index	(1947-49	sumer:	index	(1947-49			
		=100)		price:	1,248)	(1947-49			
				index:		=100)			
	Mil. dol.			Dol.	Dol.		Mil.		
1924	69,600	38.0	52.0	610	834	48.9	66.9	114.1	73.1
1925	73,700	40.3	53.7	636	848	51.0	68.0	115.8	75.0
1926	76,400	41.7	55.2	651	861	52.2	69.0	117.4	75.6
1927	76,700	41.9	56.5	645	869	51.7	69.7	119.0	74.2
1928	78,700	43.0	58.7	653	891	52.3	71.4	120.5	73.3
1929	83,120	45.4	61.9	682	930	54.6	74.5	121.8	73.3
1930	74,374	40.6	56.9	604	846	48.4	67.8	123.1	71.4
1931	63,840	34.9	53.7	515	792	41.3	63.5	124.0	65.0
1932	48,660	26.6	45.5	390	668	31.2	53.4	124.8	58.4
1933	45,744	25.0	45.2	364	658	29.2	52.8	125.6	55.3
1934	51,980	28.4	49.7	411	719	32.9	57.5	126.4	57.2
1935	58,322	31.9	54.3	459	782	36.8	62.7	127.2	58.7
1936	66,222	36.2	61.0	517	872	41.4	69.8	128.1	59.3
1937	71,000	38.8	63.2	551	897	44.2	72.0	128.8	61.4
1938	65,692	35.9	59.5	506	839	40.5	67.2	129.8	60.3
1939	70,444	38.5	64.8	538	906	43.1	72.6	130.9	59.4
1940	76,076	41.6	69.4	576	962	46.2	77.1	132.1	59.9
1941	92,982	50.8	80.8	697	1,108	55.8	88.7	133.4	62.9
1942	117,516	64.2	92.1	871	1,250	69.8	100.1	134.9	69.7
1943	133,547	73.0	98.6	977	1,320	78.3	105.8	136.7	74.0
1944	146,761	80.2	106.6	1,060	1,410	84.9	112.9	138.4	75.2
1945	150,355	82.2	106.9	1,075	1,398	86.1	112.0	139.9	76.9
1946	160,569	87.7	105.2	1,136	1,362	91.0	109.1	141.4	83.4
1947	170,113	93.0	97.4	1,181	1,237	94.6	99.2	144.1	95.5
1948	189,300	103.4	100.7	1,291	1,256	103.5	100.7	146.6	102.8
1949	189,654	103.6	101.9	1,271	1,249	101.9	100.1	149.2	101.8
1950	207,655	113.5	110.4	1,369	1,332	109.7	106.7	151.7	102.8
1951	227,481	124.3	112.0	1,473	1,327	118.0	106.3	154.4	111.0
1952	238,714	130.4	114.9	1,520	1,339	121.8	107.3	157.0	113.5
1953	252,474	137.9	120.5	1,582	1,383	126.8	110.8	159.6	114.4
1954	256,885	140.4	122.3	1,582	1,378	126.8	110.5	162.4	114.8
1955	274,448	150.0	131.0	1,660	1,450	133.0	116.2	165.3	114.5
1956	292,942	160.1	137.8	1,742	1,499	139.6	120.1	168.2	116.2
1957	307,855	168.2	139.9	1,798	1,496	144.1	119.9	171.2	120.2
1958	316,478	172.9	140.0	1,818	1,472	145.7	118.0	174.1	123.5
1959 4/	333,400	182.2	146.5	1,884	1,524	151.0	121.4	177.0	124.4

For footnotes, refer to last sheet of this series.

Table 3.--Personal income payments-Department of Commerce 5/

Year	Total income			Per capita income				
	Actual 5/	Index divided (1947-49: =100)	Index divided (1947-49: =100)	Actual	Index divided (1947-49: =100)	Actual	Index divided (1947-49: =100)	Total popu- lation July 1 3/
Mil.dol.	Dol.	Dol.	Mil.					
1924	71,400	35.1	48.0	626	856	45.1	61.7	114.1
1925	75,600	37.2	49.6	653	871	47.1	62.8	115.8
1926	78,500	38.6	51.1	669	885	48.2	63.8	117.4
1927	78,900	38.8	52.3	663	894	47.8	64.4	119.0
1928	81,000	39.8	54.3	672	917	48.4	66.0	120.5
1929	85,763	42.2	57.6	704	960	50.8	69.3	121.8
1930	76,881	37.8	52.9	625	875	45.1	63.2	123.1
1931	65,698	32.3	49.7	530	815	38.2	58.8	124.0
1932	50,115	24.6	42.1	402	688	29.0	49.7	124.8
1933	47,208	23.2	42.0	376	680	27.1	49.0	125.6
1934	53,575	26.3	46.0	424	741	30.6	53.5	126.4
1935	60,210	29.6	50.4	473	806	34.1	58.1	127.2
1936	68,480	33.7	56.8	535	902	38.6	65.1	128.1
1937	73,921	36.3	59.1	574	935	41.4	67.4	128.8
1938	68,554	33.7	55.9	528	876	38.1	63.2	129.8
1939	72,884	35.8	60.3	557	938	40.2	67.7	130.9
1940	78,680	38.7	64.6	596	995	43.0	71.8	132.1
1941	96,275	47.3	75.2	722	1,148	52.1	82.8	133.4
1942	123,497	60.7	87.1	915	1,313	66.0	94.7	134.9
1943	151,392	74.4	100.5	1,107	1,496	79.8	107.8	136.7
1944	165,696	81.4	108.2	1,197	1,592	86.3	114.8	138.4
1945	171,222	84.2	109.5	1,224	1,592	88.2	114.7	139.9
1946	179,298	88.1	105.6	1,268	1,520	91.4	109.6	141.4
1947	191,581	94.2	98.7	1,330	1,393	95.9	100.4	144.1
1948	210,435	103.4	100.6	1,435	1,396	103.5	100.7	146.6
1949	208,319	102.4	100.6	1,396	1,371	100.6	98.8	149.2
1950	228,468	112.3	109.2	1,506	1,465	108.6	105.6	151.7
1951	256,692	126.2	113.7	1,663	1,498	119.9	108.0	154.4
1952	273,071	134.2	118.2	1,739	1,532	125.4	110.5	157.0
1953	288,259	141.7	123.9	1,806	1,579	130.2	113.8	159.6
1954	289,825	142.5	124.1	1,785	1,555	128.7	112.1	162.4
1955	310,196	152.5	133.2	1,877	1,639	135.3	118.2	165.3
1956	332,943	163.7	140.9	1,979	1,703	142.7	122.8	168.2
1957	350,579	172.3	143.3	2,048	1,704	147.7	122.9	171.2
1958	359,039	176.5	142.9	2,062	1,670	148.7	120.4	174.1
1959 4/	378,700	186.1	149.6	2,140	1,720	154.3	124.0	177.0

For footnotes, refer to last sheet of this series.

Table 4.--Indexes of farm marketings - AMS, and farm output - ARS

(1947-49=100)							
Year	Marketings			Total marketing and home consumption	Index of farm output		
	Livestock and products	Crops	Total		All live- stock and products	All crops	Total
1924	69	67	68	72	73	76	68
1925	67	65	66	70	71	78	70
1926	68	69	68	73	74	80	73
1927	69	69	69	73	76	79	72
1928	70	69	70	74	76	82	75
1929	70	70	70	74	77	79	74
1930	70	66	68	72	78	76	72
1931	70	66	68	73	80	84	79
1932	69	63	66	71	81	80	76
1933	71	61	67	72	82	71	70
1934	74	56	66	71	75	58	60
1935	65	57	61	66	72	76	72
1936	71	60	66	71	77	64	65
1937	69	70	70	74	76	88	82
1938	72	73	72	76	79	83	79
1939	76	74	75	79	85	82	79
1940	81	72	77	80	87	85	82
1941	84	73	79	82	92	86	85
1942	93	80	88	90	102	97	96
1943	103	79	93	94	110	91	94
1944	107	85	98	99	105	96	97
1945	105	87	98	99	104	93	95
1946	103	86	96	97	101	98	98
1947	102	96	99	100	100	93	95
1948	96	98	97	97	97	106	104
1949	101	106	103	103	103	101	101
1950	104	96	100	100	107	97	101
1951	107	95	102	100	112	99	104
1952	109	101	106	104	112	103	108
1953	113	108	111	108	114	103	109
1954	117	105	112	109	117	101	109
1955	121	109	116	112	120	105	113
1956	128	111	121	117	122	106	114
1957	126	102	116	112	121	106	114
1958	127	122	125	120	125	118	124
1959 4	132	122	127	121	128	118	125

For footnotes, refer to last sheet of this series.

Table 5.--Personal consumption expenditures, Department of Commerce 5/

Year	Total expenditures			Per capita expenditures					
	Index		Index	Actual		Index		Total	
	(1947-49:divided			(1947-49:divided		(1947-49:divided			
	= 100)			= 100)		= 100)			
	Actual	by con-	Actual	by con-	Actual	by con-	July 1		
5/	(Actual	sumer	Actual	sumer	(Actual	sumer	3/		
	:	price		price	:	price			
	:	174,960): index		index	:	1,193) : index			
	Mil.dol.			Dol.	Dol.		Mil.		
1925	: 70,300	40.2	53.6	607	809	50.9	67.9	115.8	
1926	: 74,000	42.3	56.0	630	833	52.8	69.8	117.4	
1927	: 73,700	42.1	56.7	619	834	51.9	69.9	119.0	
1928	: 76,800	43.9	59.9	637	869	53.4	72.9	120.5	
1929	: 78,952	45.1	61.5	648	884	54.3	74.1	121.8	
1930	: 70,968	40.6	56.9	577	808	48.4	67.8	123.1	
1931	: 61,333	35.1	54.0	495	762	41.5	63.8	124.0	
1932	: 49,306	28.2	48.3	395	676	33.1	56.7	124.8	
1933	: 46,392	26.5	47.9	369	667	30.9	55.9	125.6	
1934	: 51,894	29.7	51.9	411	719	34.5	60.3	126.4	
1935	: 56,289	32.2	54.9	443	755	37.1	63.2	127.2	
1936	: 62,616	35.8	60.4	489	825	41.0	69.1	128.1	
1937	: 67,259	38.4	62.5	522	850	43.8	71.3	128.8	
1938	: 64,641	36.9	61.2	498	826	41.7	69.2	129.8	
1939	: 67,578	38.6	65.0	516	869	43.3	72.9	130.9	
1940	: 71,881	41.1	68.6	544	908	45.6	76.1	132.1	
1941	: 81,875	46.8	74.4	614	976	51.5	81.9	133.4	
1942	: 89,748	51.3	73.6	665	954	55.7	79.9	134.9	
1943	: 100,541	57.5	77.7	735	993	61.6	83.2	136.7	
1944	: 109,833	62.8	83.5	794	1,056	66.6	88.6	138.4	
1945	: 121,699	69.6	90.5	870	1,131	72.9	94.8	139.9	
1946	: 147,109	84.1	100.8	1,040	1,247	87.2	104.6	141.4	
1947	: 165,409	94.5	99.0	1,148	1,202	96.3	100.8	144.1	
1948	: 178,313	101.9	99.2	1,216	1,183	102.0	99.2	146.6	
1949	: 181,158	103.5	101.8	1,214	1,193	101.8	100.0	149.2	
1950	: 195,013	111.5	108.5	1,286	1,251	107.8	104.9	151.7	
1951	: 209,805	119.9	108.0	1,359	1,224	113.9	102.6	154.4	
1952	: 219,774	125.6	110.7	1,400	1,233	117.4	103.4	157.0	
1953	: 232,649	133.0	116.3	1,458	1,274	122.2	106.8	159.6	
1954	: 238,025	136.0	118.5	1,466	1,277	122.9	107.1	162.4	
1955	: 256,940	146.9	128.3	1,554	1,357	130.3	113.8	165.3	
1956	: 269,917	154.3	132.8	1,605	1,381	134.5	115.7	168.2	
1957	: 284,756	162.8	135.4	1,663	1,384	139.4	116.0	171.2	
1958	: 292,956	167.4	135.5	1,683	1,363	141.1	114.3	174.1	
1959 4/	: 312,100	177.8	142.9	1,758	1,413	147.4	118.5	177.0	

For footnotes, refer to last sheet of this series.

Table 6.--Index of total and per capita food consumption, 1924-59
(Index numbers: 1947-49=100)

Year	Index of per capita civilian food consumption	Index of civilian population July 1 7/	Index of total civilian consumption 8/	Index of total population July 1 9/	Index of total food consumption 8/
1924	91.5	78.6	71.9	77.8	71.2
1925	90.9	79.8	72.5	79.0	71.8
1926	92.1	80.9	74.5	80.1	73.8
1927	90.9	82.0	74.5	81.2	73.8
1928	90.9	83.0	75.4	82.2	74.7
1929	91.1	83.9	76.4	83.1	75.7
1930	90.7	84.8	76.9	84.0	76.2
1931	90.0	85.4	76.9	84.6	76.1
1932	87.8	86.0	75.5	85.1	74.7
1933	88.0	86.5	76.1	85.7	75.4
1934	89.1	87.1	77.6	86.2	76.8
1935	87.3	87.6	76.5	86.7	75.7
1936	90.5	88.3	79.9	87.4	79.1
1937	90.4	88.7	80.2	87.8	79.4
1938	90.6	89.4	81.0	88.5	80.2
1939	93.8	90.2	84.6	89.3	83.8
1940	95.4	91.0	86.8	90.1	86.0
1941	97.3	90.8	88.3	91.0	88.5
1942	96.2	90.6	87.2	92.0	88.5
1943	97.4	88.8	86.5	93.2	90.8
1944	100.4	88.6	89.0	94.4	94.8
1945	101.4	89.0	90.2	95.4	96.7
1946	104.1	95.4	99.3	96.4	100.4
1947	102.2	98.3	100.5	98.3	100.5
1948	98.9	100.0	98.9	100.0	98.9
1949	98.9	101.7	100.6	101.8	100.7
1950	100.2	103.5	103.7	103.5	103.7
1951	98.3	104.1	102.3	105.3	103.5
1952	100.3	105.7	106.0	107.1	107.4
1953	101.4	107.5	109.0	108.8	110.3
1954	101.3	109.6	111.0	110.8	112.2
1955	102.1	111.8	114.1	112.7	115.1
1956	103.8	113.9	118.2	114.7	119.1
1957	102.2	116.1	118.7	116.8	119.4
1958	101.4	118.2	119.8	118.8	120.5
1959 4/	103.2	120.2	124.0	120.7	124.6

For footnotes, refer to last sheet of this series.

Table 7.--Wholesale and retail prices - Bureau of Labor Statistics

(1947-49=100)

Year	Wholesale price index 6/	Consumer price index 6/	Food price index 6/	Food prices divided by consumer price index
1924	63.8	73.1	60.8	83.2
1925	67.3	75.0	65.8	87.7
1926	65.0	75.6	68.0	89.9
1927	62.0	74.2	65.5	88.3
1928	62.9	73.3	64.8	88.4
1929	61.9	73.3	65.6	89.5
1930	56.1	71.4	62.4	87.4
1931	47.4	65.0	51.4	79.1
1932	42.1	58.4	42.8	73.3
1933	42.8	55.3	41.6	75.2
1934	48.7	57.2	46.4	81.1
1935	52.0	58.7	49.7	84.7
1936	52.5	59.3	50.1	84.5
1937	56.1	61.4	52.1	84.9
1938	51.1	60.3	48.4	80.3
1939	50.1	59.4	47.1	79.3
1940	51.1	59.9	47.8	79.8
1941	56.8	62.9	52.2	83.0
1942	64.2	69.7	61.3	87.9
1943	67.0	74.0	68.3	92.3
1944	67.6	75.2	67.4	89.6
1945	68.8	76.9	68.9	89.6
1946	78.7	83.4	79.0	94.7
1947	96.4	95.5	95.9	100.4
1948	104.4	102.8	104.1	101.3
1949	99.2	101.8	100.0	98.2
1950	103.1	102.8	101.2	98.4
1951	114.8	111.0	112.6	101.4
1952	111.6	113.5	114.6	101.0
1953	110.1	114.4	112.8	98.6
1954	110.3	114.8	112.6	98.1
1955	110.7	114.5	110.9	96.9
1956	114.3	116.2	111.7	96.1
1957	117.6	120.2	115.4	96.0
1958	119.2	123.5	120.3	97.4
1959 4/	119.7	124.4	118.4	95.2

For footnotes, refer to last sheet of this series.

Table 8.--Food expenditures, Department of Commerce 10/

Year	Total food expenditures excluding alcoholic beverages			Per capita food expenditures excluding alcoholic beverages			Total popu- lation July 1 3/	Retail food price index (1947-49 =100) 6/	
	Actual 10/ 46,793)	Index (1947-49 =100) (Actual ÷ 46,793)	Index divided by retail food price index (1947-49 =100)	Actual Actual retail food price index	Index (1947-49 =100) (Actual ÷ 319)	Index divided by retail food price index (1947-49 =100)			
Mil. dol.			Dol.	Dol.		Mil.			
1929	19,535	41.7	63.6	160	244	50.2	76.5	121.8	65.6
1930	17,964	38.4	61.5	146	234	45.8	73.4	123.1	62.4
1931	14,731	31.5	61.3	119	232	37.3	72.6	124.0	51.4
1932	11,382	24.3	56.8	91	213	28.5	66.6	124.8	42.8
1933	10,859	23.2	55.8	86	207	27.0	64.9	125.6	41.6
1934	12,182	26.0	56.0	96	207	30.1	64.9	126.4	46.4
1935	13,632	29.1	58.6	107	215	33.5	67.4	127.2	49.7
1936	15,245	32.6	65.1	119	238	37.3	74.5	128.1	50.1
1937	16,414	35.1	67.4	127	244	39.8	76.4	128.8	52.1
1938	15,618	33.4	69.0	120	248	37.6	77.7	129.8	48.4
1939	15,744	33.6	71.3	120	255	37.6	79.8	130.9	47.1
1940	16,740	35.8	74.9	127	266	39.8	83.3	132.1	47.8
1941	19,448	41.6	79.7	146	280	45.8	87.7	133.4	52.2
1942	23,707	50.7	82.7	176	287	55.2	90.0	134.9	61.3
1943	27,836	59.5	87.1	204	299	63.9	93.6	136.7	68.3
1944	30,641	65.5	97.2	221	328	69.3	102.8	138.4	67.4
1945	34,116	72.9	105.8	244	354	76.5	111.0	139.9	68.9
1946	40,658	86.9	110.0	288	365	90.3	114.3	141.4	79.0
1947	45,785	97.8	102.0	318	332	99.6	103.9	144.1	95.9
1948	48,161	102.9	98.8	329	316	103.0	98.9	146.6	104.1
1949	46,432	99.2	99.2	311	311	97.4	97.4	149.2	100.0
1950	47,448	101.4	100.2	313	309	98.1	96.9	151.7	101.2
1951	53,447	114.2	101.4	346	307	108.5	96.4	154.4	112.6
1952	55,839	119.3	104.1	356	311	111.6	97.4	157.0	114.6
1953	56,631	121.0	107.3	355	315	111.3	98.7	159.6	112.8
1954	57,713	123.3	109.5	355	315	111.3	98.8	162.4	112.6
1955	59,242	126.6	114.2	358	323	112.2	101.2	165.3	110.9
1956	62,244	133.0	119.1	370	331	116.0	103.8	168.2	111.7
1957	65,188	139.3	120.7	381	330	119.4	103.5	171.2	115.4
1958	67,394	144.0	119.7	387	322	121.3	100.8	174.1	120.3
1959 4/	69,867	149.3	126.1	395	334	123.8	104.6	177.0	118.4

For footnotes, refer to last sheet of this series.

FOOTNOTES

- 1/ Total population of continental United States as of January 1, including Armed Forces overseas, excludes Hawaii and Alaska. (Bureau of the Census)
- 2/ Farm population of the United States as of April 1 as estimated jointly by AMS and the Bureau of the Census.
- 3/ Total population of continental United States as of July 1, including Armed Forces overseas, excludes Hawaii and Alaska.
- 4/ Preliminary estimates; not for publication.
- 5/ Revised estimates for 1924-28 by AMS.
- 6/ Bureau of Labor Statistics for 1924 to date.
- 7/ Includes all members of Armed Forces, 1924-40; beginning 1941 only those eating out of civilian supplies.
- 8/ Derived from civilian per capita consumption index.
- 9/ Total population of continental United States, including Armed Forces overseas.
- 10/ Currently published by Department of Commerce as a component of the gross national product.

